Poy, Thomas

From:	Hollingsworth, Mary <MHolling@idem.IN.gov>
Sent:	Friday, December 02, 2016 7:28 AM
To:	Bair, Rita; Stacy Jones; Matt Prater
Cc:	Poy, Thomas; Porter, Andrea; Bosscher, Valerie; Henry, Timothy; Korleski, Christopher; CLARK METTLER, MARTHA
Subject:	RE: CONFIDENTIAL: East Chicago Data
Attachments:	Phosphate Residuals0001.pdf
Sensitivity:	Confidential

Thank you for the information. It would be helpful if the headings were explained. Another item we noticed on the sampling spreadsheet, the plumbing material was not identified, could you please explain why no identification of this material was made? Also, which homes of the ones sampled have lead service lines? Some of these sample were collected before IDEM requested that East Chicago increase their orthophosphate. Our request was on 10/26. We are working with East Chicago and tracking the increase of Orthophosphate residual in the distribution system. They are increasing Orthophosphate feed to 1 ppm leaving the plant. Their target residuals in distribution system is now 0.75 to 1 ppm.
Attached are the residuals from August thru October distribution samples for Orthophosphate. You will notice the levels are low; that's why we asked for the increase.

Please keep me as the main point of contact so I may brief the Commissioner instead of her hearing from outside our agency. We just received the info yesterday afternoon and we were going to discuss and let the Commissioner know but that was taken out of our hands.

Indiana takes this information very seriously and we will work with EPA and East Chicago to assure that all residents have drinking water that meets the Federal standards.

Much Appreciated

Mary E. Hollingsworth
Drinking Water Branch Chief
Office of Water Quality
Indiana Department of Environmental Management
IGCN 1201
100 North Senate Avenue
Indianapolis, IN 46204-2251

317-232-8741

From: Bair, Rita [mailto:bair.rita@epa.gov]
Sent: Thursday, December 01, 2016 1:55 PM
To: Hollingsworth, Mary; JONES, STACY; Prater, Matthew
Cc: Poy, Thomas; Porter, Andrea; Bosscher, Valerie; Henry, Timothy; Korleski, Christopher
Subject: CONFIDENTIAL: East Chicago Data
Sensitivity: Confidential

Attached is a spreadsheet summarizing the data collected to date in East Chicago. My apologies for the delay. Tomorrow we can talk more about getting you actual lab reports or data in other formats.

In addition, Dean Maraldo summarized the data and I am sharing it below.

From: Maraldo, Dean
Sent: Wednesday, November 30, 2016 2:20 PM
To: Bair, Rita <bair.rita@epa.gov>; Korleski, Christopher <korleski.christopher@epa.gov>; Henry, Timothy <henry.timothy@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Deltoral, Miguel <deltoral.miguel@epa.gov>; Mendez, Thomas <mendez.thomas@epa.gov>; Donnelly, Peggy <Donnelly.Peggy@epa.gov>; Bosscher, Valerie <bosscher.valerie@epa.gov>; Porter, Andrea <porter.andrea@epa.gov>
Subject: USS Lead Data Summary

All: here's a quick summary of results for USS Lead sequential sampling. Note that we still have no validated data for Zone 3 properties. New schedule from Superfund has first validated results for Zone 3 coming in on Dec. 9, with additional sets due Dec. 16 and Dec. 23.

So far, 54% of properties sampled, pre-excavation, have at least one sample with lead above action level [66% for Zone 3 and 25% for Zone 2].

We do have validated data for Zone 2 which confirmed the reliability of preliminary data. This applies to Zone 2 only as different labs were used for Zone 3.

USS Lead Sequential Sampling Result Summary 11/30/2016 Draft	**Zone 2**		**Zone 3**		**Total**	
	Pre	Post	Pre	Post	Pre	Post
# of Properties in Sequential Sampling Program	8	8	37	37	45	45
# of Properties with Preliminary Results	8	5	18	16	26	21
# of Properties with at least one Pb result above action level (15 ppb)	2	1	12	8	14	9
# of Properties with Final - Validated Results	7	1	0	0	7	1

East Chicago Water Works
Water Laboratory
PWSID # 5245012

ate	Time	Sampling Location	Sampler	Ph	Phosphate mg/L
8-3-16	9 30 AM	[redacted]	WR	8.12	.25
8-3-16	9 45 AM		WR	8.15	.07
8-3-16	10 00 AM		WR	8.18	.23
8-4-16	1 15 PM		WR	8.21	.43
8-4-16	1 00 PM		WR	8.22	.18
8-4-16	10 15 AM		WR	8.08	.21
8-4-16	10 30 AM		WR	8.13	.28
8-10-16	10 15 AM		WR	8.16	.21
8-10-16	9 45 AM		WR	8.23	.06
8-11-16	9 45 AM		WR	8.15	.32
8-11-16	11 00 AM		WR	8.18	.31
8-16-16	1 30 PM		WR	8.10	.24
8-16-16	1 45 PM		WR	8.10	.35
8-17-17	10 15 AM		WR	8.23	.29
8-17-17	9 30 AM		WR	8.21	.35
8-18-16	10 00 AM		WR	8.30	.16
8-18-16	11 00 AM		WR	8.35	.27
8-22-16	10 00 AM		WR	8.14	.34
8-22-16	9 30 AM		WR	8.27	.14
8-24-16	10 30 AM		WR	8.13	.25
8-24-16	9 30 AM		WR	8.17	.21
8-25-16	9 30 AM		WR	8.02	.23
8-25-16	10 30 AM		WR	8.27	.38
8-25-16	11 30 AM		WR	8.27	.37
8-31-16	9 30 AM		WR	8.41	.16
8-31-16	10 30 AM		WR	8.53	.29
8-31-16	11 00 AM		WR	8.10	.14
8-31-16	10 45 AM		WR	8.20	.11
8-31-16	9 45 AM		WR	8.21	.14
8-31-16	10 30 AM		WR	8.25	.15

ents:

East Chicago Water Works
Water Laboratory
PWSID # 5245012

Date	Time	Sampling Location	Sampler	Ph	Phosphate mg/L
9-1-16	11:35 AM	[redacted]	WR	8.25	.32
9-1-16	10:39 AM		WR	8.28	.12
9-1-16	9:35 AM		WR	8.59	.30
9-1-16	9:50 AM		WR	8.30	.10
9-6-16	10:15 AM		WR	8.12	.16
9-6-16	10:50 AM		WR	8.14	.16
9-7-16	9:50 AM		WR	6.78	.24
9-7-16	9:30 AM		WR	6.62	.07
9-7-16	10:35 AM		WR	6.89	.19
9-8-16	9:55 AM		WR	8.14	.28
9-8-16	10:35 AM		WR	8.24	.26
9-12-16	11:30 AM		WR	8.16	.35
9-12-16	10:46 AM		WR	8.12	.36
9-12-16	9:45 AM		WR	8.09	.30
9-13-16	10:20 AM		WR	7.97	.32
9-13-16	10:35 AM		WR	8.12	.33
9-14-16	10:55 AM		WR	8.09	.37
9-14-16	10:16 AM		WR	8.13	.36
9-15-16	9:45 AM		WR	8.53	.43
9-15-16	10:30 AM		WR	8.15	.35
9-26-16	9:55 AM		WR	8.14	.66
9-26-16	9:15 AM		WR	8.15	.41
9-26-16	9:35 AM		WR	7.95	.20
9-27-16	9:55 AM		WR	8.04	.41
9-27-16	11:15 AM		WR	8.03	.37
9-27-16	9:35 AM		WR	8.00	.38
9-28-16	11:03 AM		WR	8.05	.21
9-28-16	10:35 AM		WR	8.28	.42
9-29-16	10:05 AM		WR	8.08	.39
9-29-16	9:45 AM		WR	8.40	.45

Comments:

East Chicago Water Works
Water Laboratory
PWSID # 5245012

ate	Time	Sampling Location	Sampler	Ph	Phosphate mg/L
10-3-16	11 20 AM	[redacted]	WR	8.15	.39
10-3-16	10 05 AM		WR	8.17	.38
10-5-16	10 5 AM		WR	7.97	.41
10-5-16	9 35 AM		WR	7.85	.32
10-6-16	9 50 AM		WR	7.89	.31
10-6-16	10 AM		WR	7.97	.35
10-10-16	9 35 AM		WR	8.04	.36
10-10-16	10 10 AM		WR	8.01	.32
10-11-16	11 05 AM		WR	8.04	.34
10-11-16	9 40 AM		WR	8.00	.32
10-12-16	10 AM		WR	7.99	.26
10-12-16	9 45 AM		WR	8.04	.36
10-13-16	9 AM		WR	7.97	.23
10-13-16	10 AM		WR	8.15	.34
10-17-16	9 35 AM		WR	8.00	.28
10-17-16	11 AM		WR	8.07	.42
10-17-16	10 AM		WR	8.18	.39
10-21-16	11 25 AM		WR	7.95	.33
10-21-16	12 AM		WR	7.95	.27
10-20-16	10 AM		WR	7.96	.35
10-20-16	10 AM		WR	8.02	.32
10-24-16	10 10 AM		WR	8.07	.31
10-24-16	9 50 AM		WR	8.12	.31
10-25-16	10 AM		WR	8.02	.27
10-25-16	9 50 AM		WR	8.10	.26
10-25-16	9 AM		WR	8.04	.25
10-26-16	11 AM		WR	8.02	.32
10-26-16	9 AM		WR	7.76	.11
10-26-16	10 AM		WR	7.79	.28
10-27-16	10 AM		WR	8.01	.33

Comments: